

IFPS Job Sheet No. 8

Spatial Editor Controls

Objective — This job sheet will familiarize you with the usage of the grid legends in the Spatial Editor. Not only do legends control the Spatial Editor, they also convey information about the data currently displayed in the Spatial Editor.

Toggling the Legends

By default, the legends display information about the grids that are currently loaded. But the legends can be toggled off to remove clutter from the display. To learn how to toggle the legends, perform the next exercise. Before you begin, select a time in the Grid Manager so that a grid is visible in the Spatial Editor and make sure one of the map backgrounds is displayed.

1. Move the cursor into the Spatial Editor (away from the legends) and press and hold MB3.
2. A pop-up menu will appear displaying a list of choices. From this list select **Hide Legends**.

The grid data legends will disappear from the display. To display them again select **Show Weather Element Legends** from the MB3 pop-up over the Spatial Editor display.

The map background graphics may be toggled on and off as well. By default, map background graphic legends are not displayed. You can display them by pressing MB3 over the Spatial Editor display and selecting **Show Map Legends**. Note that either the Weather Element legends or the Map Background legends may be displayed at any given time, but not both.

Toggle Grid Visibility

Clicking MB1 on the legend will toggle a weather element's visibility. If it was visible before the click, it will be made invisible. If the weather element was invisible it will be made visible. Note that the Spatial Editor Time must be set such that a grid's valid period must intersect it.

1. Make sure that there is a weather element loaded and that the Spatial Editor time is set so that it overlaps a grid.
2. Click MB1 on the weather element's legend.

Toggle Grid Edit State

If you wish to edit a grid, you must first make the grid editable. To make the grid editable, simply click MB2 over the legend. Anytime a weather element is editable, the letters "(edit)" appear immediately to the left of the legend. Note that your grid may be displayed as an image if the "Image on Edit" mode is enabled.

1. As in the previous exercise, make sure that there is a weather element loaded and that the Spatial Editor time is set so that it overlaps a grid.
2. Make the weather element visible by clicking MB1, if it is not already visible.
3. Click MB2 on the weather element editable.

You should see the letters "(edit)" appear to the left of the legend. This indicates that the weather element is now ready to edit. Note that if the displayed grid is not editable, because it is locked by another user or that it is a read-only model grid, the "(edit)" string will not appear, since the GFE will not allow you to edit grids in those states.

Zooming (enlarging) the Spatial Display

The Spatial Editor display can be zoomed or enlarged at any time using the MB3 pop-up menu. When this menu is displayed, you are given a choice of zoom factors that represent the width of the display in kilometers. Selecting one of these choices will cause the display to zoom to that size centered wherever you pressed MB3.

1. From the Spatial editor display, press and hold down MB3. A pop-up menu will appear containing the "Zoom" menu item
2. Move the cursor to this "Zoom" menu item until another cascading menu of numbers appears.
3. Move the mouse cursor over one of the choices in the middle of the number list and release MB3.

You should see the display zoom in and enlarge the size of the data and map backgrounds. Repeat the last exercise and select the highest value in the list to zoom out to full view.

A shortcut for Zooming

Another, faster way to zoom the Spatial Editor display is to press the SHIFT key on the keyboard and click MB2 to zoom in and MB1 to zoom out. Zooming in always uses the clicked point as the new center of the display.

Panning the Spatial Display

Panning the display works similarly. While holding down the SHIFT key, MB1 or MB2 drags will pan the display in the same direction, just like the D2D display.

Displaying Topography

The GFE includes topography as a special weather element. Topography can be displayed with any other weather element, except that it cannot be edited.

1. From the Menu Bar, select Maps ->Topography.

